

# UNITED STATES PATENT AND TRADEMARK OFFICE

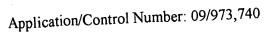


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		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLICATION NO.	FILING DATE		LIUW3003/EM/7298	7159
09/973,740	10/11/2001	Chia-Li Chen	LIU W 3003/EWI 7256	
0,,,,,,			EXAMINER KNAPP, JUSTIN R	
23304	1590 11/05/2003			
BACON & T	BACON & THOMAS, PLLC			
625 SLATERS			ART UNIT	PAPER NUMBER
FOURTH FLOOR			2182	~
ALEXANDRI	IA, VA 22314	4		
•			DATE MAILED: 11/05/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	pplicant(s)			
		09/973,740	CHEN ET AL.			
d)	Office Action Summary	Examiner	Art Unit			
		Luckin Knopp	2182			
	The MAILING DATE of this commun	ication appears on the cove	r sheet with the correspondence	address		
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1) <b></b>	Responsive to communication(s) t	filed on <u>11 October 2001</u> .				
2a)□		າກ⊠ This action is non-	-final.			
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Disposit	ion of Claims					
4)[[4]	Claim(s) 1-6 is/are pending in t	he application.	oration			
·	4a) Of the above claim(s) is.	/are withdrawn from consid	Ciduon.			
5)□						
	Claim(s) <u>1-6</u> is/are rejected.					
7)	Claim(s) is/are objected to.		irement			
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10)🗵		r 2001 is/are: a)⊠ accepted	or b) objected to by the Exam.	85(a).		
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11)[	Applicant may not request that any  The proposed drawing correction to	filed on is: a) ∟ appr	action			
	If approved, corrected drawings are	e required in reply to this Office	o dollori.			
	The oath or declaration is objected	to by the Examiner.				
Priority	under 35 U.S.C. §§ 119 and 120		or 35 IIS C 8 119(a)-(d) or (f).			
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14)	T A alcoaulodament is made of a cla	im for domestic priority und	der 35 U.S.C. § 119(e) (to a pro	visional application).		
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Attachr			Cl. Jetersians Summans (PTO-413)	Paper No(s)		
1) 🔯 1	Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Rev nformation Disclosure Statement(s) (PTO-14	iew (PTO-948)	Interview Summary (F10-413)     Notice of Informal Patent Applic     Other:	eation (P10-132)		
U.S. Patent	and Trademark Office	Office Action Summar	γ	Part of Paper No. 2		



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#### DETAILED ACTION

### Claim Rejections - 35 USC § 112

- 1. The following is a quotation of the second paragraph of 35 U.S.C. 112:
  - The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 2. Claim 1 recites the limitation "said members" in line 7. There is insufficient antecedent basis for this limitation in the claim.

## Claim Rejections - 35 USC § 103

- 3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 4. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being unpatentable over Battaglia, et al (herein referred to as Battaglia), EPO 1,152,428 A2.
- 5. Referring to claim 1, Battaglia teaches wherein:

said main body has a receiving chamber to receive said members listed above, and is provided on the surface thereof with an insertion slot for a compact disk and a silicon disk insertion slot, so that said reading disk for compact disks and said silicon disk insertion cassette are placed into corresponding positions in said main body; and said compact disk as well as said silicon disk are placed respectively into said reading disk for compact disks and said silicon disk insertion cassette (see figure 1, elements 24, 27, and 20);

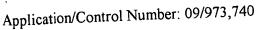
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said circuit plate (figure 1, element 28) is provided in the receiving space of said main body, said applied chip sets and said microprocessing unit are provided thereon; while said transmission interface is connected at the rear of said main body, by operation of said circuit plate, said chip sets and said microprocessing unit, data exchange between said compact disk and said silicon disk can be executed; when said transmission interface is connected with a computer mainframe system, data exchange and reading/writing among a hard disk of said computer mainframe system, said compact disk and said silicon disk is performed (see section (57)).

In his exemplary embodiment, Battaglia teaches a hard drive as the mass storage device that is capable of performing data exchange with a variety of supported silicon disks. However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use a compact disk drive as the mass storage device as taught by Battaglia (see column 2, section [0011]).

- 6. Referring to claim 2, Battaglia teaches wherein said silicon disk insertion cassette meets several sizes of the specifications including those of memory cards CF, PCMCIA (PC card), SMC, MMC, MS, or SD (see sections [0026], [0027], [0035], [0036]).
- 7. Referring to claim 3, Battaglia teaches wherein said reading disk for compact disks functions as a read only CD-ROM player, a read and write CD-ROM player and a Combo player (see section [0011], lines 49-51).
- 8. Referring to claim 4, Battaglia teaches wherein said transmission interface is a USB interface, a 1394 interface or an IDE/ATAPI interface (see sections [0033], [0046], [0048]).



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- 9. Referring to claim 5, Battaglia teaches wherein said main body is provided with a power supplying unit to supply power for operation, said main body is provided on the external surfaces thereof with appropriate operating units in favor of operation (see figure 1, element 26).
- Referring to claim 6, Battaglia teaches wherein said power supplying unit is a power line or a storage battery (see figure 1, element 26).

#### Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is reminded that in amending in response to a rejection of claims, the patentable novelty must be clearly shown in view of the state of the art disclosed by the references cited and the objections made. Applicant must also show how the amendments avoid such references and objections.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin Knapp whose telephone number is (703) 308-6132. The examiner can normally be reached on Mon - Fri 9 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (703) 308-3301. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

SUPERVISORY PATENT EXAMINER

Justin Knapp Examiner Art Unit 2182 Application/Control Number: 09/973,740

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November 3, 2003